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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application No.	10/810,444
		Filing Date	March 26, 2004
		First Named Inventor	David M. Collieran
		Art Unit	2123
		Examiner Name	Unassigned
Total Number of Pages in This Submission	7	Attorney Docket Number	4363P005C

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Return Receipt Postcard.</div>
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Robert B. O'Rourke, Reg. No. 46,972 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	2/27/06

CERTIFICATE OF MAILING/TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Typed or printed name	Carla Vignola
Signature	
Date	2/27/06



FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 0.00

Complete if Known

Application Number 10/810,444
Filing Date March 26, 2004
First Named Inventor David M. Collieran
Examiner Name Unassigned
Art Unit 2123
Attorney Docket No. 4363P005C

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☒ None ☐ Other (please identify):

☒ Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below

☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20. ☒ Credit any overpayments

FEE CALCULATION

1. EXTRA CLAIM FEES

7. EXTRA CLAIM FEES		Extra Claims	Fee from below	Fee Paid				
Total Claims	<table border="1"><tr><td>8</td></tr></table>	8	20*	<table border="1"><tr><td>0</td></tr></table>	0	x	<table border="1"><tr><td>50.00</td></tr></table> = \$0.00	50.00
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Independent Claims	<table border="1"><tr><td>2</td></tr></table>	2	3*	<table border="1"><tr><td>0</td></tr></table>	0	x	<table border="1"><tr><td>200.00</td></tr></table> = \$0.00	200.00
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Multiple Dependent					<table border="1"><tr><td></td></tr></table> =			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1202	2202	50	25	Claims in excess of 20
1201	2201	200	100	Independent claims in excess of 3
1203	2203	360	180	Multiple Dependent claim, if not paid
1204	2204	790	395	**Reissue independent claims over original patent
1205	2205	300	150	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (1) (\$) 0.00

*or number previously paid, if greater, For Reissues, see below

2. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
1051	2051	130	65	Surcharge - late filing fee or oath
1052	2052	50	25	Surcharge - late provisional filing fee or cover sheet.
2053	2053	130	130	Non-English specification
1251	2251	120	60	Extension for reply within first month
1252	2252	450	225	Extension for reply within second month
1253	2253	1,020	510	Extension for reply within third month
1254	2254	1,590	795	Extension for reply within fourth month
1255	2255	2,160	1,080	Extension for reply within fifth month
1401	2401	500	250	Notice of Appeal
1402	2402	500	250	Filing a brief in support of an appeal
1403	2403	1,000	500	Request for oral hearing
1451	2451	1,510	1,510	Petition to institute a public use proceeding
1460	2460	130	130	Petitions to the Commissioner
1807	1807	50	50	Processing fee under 37 CFR 1.17(q)
1806	1806	180	180	Submission of Information Disclosure Stmt
1809	1809	790	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	2810	790	395	For each additional invention to be examined (37 CFR § 1.129(b))

Other fee (specify)

Submission of IDS before first Office Action

SUBTOTAL (2)

Fee Paid

(\$) 0.00

SUBMITTED BY

Name (Print/Type) Robert B. O'Rourke

Registration No. (Attorney/Agent) 46,972

Complete (if applicable)

Telephone (408) 720-8300

Signature

Date 2/27/06



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

DAVID M. COLLERAN, ET AL.

Application No.: 10/810,444

Filed: March 26, 2004

For: **Automatic Phase Lock Loop Design Using
Geometric Programming**

Art Group: 2123

Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Date: 2/27/06

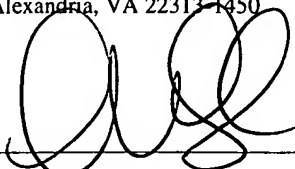
Respectfully submitted,

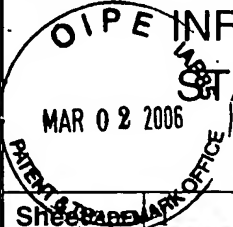

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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 2/27/06
Carla Vignola Date

Substitute for Form 1449/PTO <div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;">  </div> <div style="text-align: center;"> INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i> </div> </div>			Complete if Known	
Application Number		10/810,444		
Filing Date		03-26-2004		
First Named Inventor:		Colleran, et al.		
Art Unit		2123		
Examiner Name		Unassigned		
Attorney Docket Number		004363.P005C		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	6,588,002 B1	7/1/2003	Lampaert, et al.	
		US-	6,813,590 B1	11/2/2004	Crusius	
		US-	6,909,330 B2	6/21/2005	Colleran, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS.

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